| **Step #** | **Step Summary** | **Action** |
| --- | --- | --- |
|  | Ensure all datasets are available through GUI | If it is not already been done, open following file with Wordpad:  .cate\0.9.0.dev\conf.py  Comment out the "excluded\_data\_sources" parameter. |
|  | Open GUI | Double-click cate-desktop shortcut on Windows Desktop |
|  | Initialise an empty workspace | Select File->New Workspace  Select a folder to contain the new workspace.  Create a new sub-folder named UC06 and select it.  Click Select. |
|  | Download sea surface temperature data  Note: takes approx. 1 hour to download | Select data store: ESA CCI Open Data Portal  Highlight data source: **esacci.SST.day.L4.SSTdepth.multi-sensor.multi-platform.OSTIA.1-1.r1**  Click on “Download and/or open remote dataset”  In “Download Data Source” window:   * Select Time Constraint and enter start time of **2006-01-01** and end time of **2007-12-31** * Select Region Constraint, enter: * Lon. from:  **-175** * Lon. from: **-115** * Lat. from: **-10** * Lat. to: **10** * Select Variables Constraint, select variables **analysed\_sst** and **analysis\_error** from the list * Select “Download and make local data source“ and enter Unique identifier **SST\_2006\_2007** * Click on “Download & Open Local” |
|  | Rename the sst dataset resource | In the Workspace panel, highlight the resource **res\_1**  Click on “Resource/Step properties” button  Enter the new resource name as **sst**  Click OK |
|  | Perform temporal aggregation on sea surface temperature dataset | Select **temporal\_aggregation** from the list of operations  Click on Apply  In the “New Operation Step” window:   * Select resource **sst** * Leave Method as the default value * Click “Apply” |